

What is claimed is:

1. An apparatus for forming an image comprising:

a plurality of paper supply sections having a paper size  
5 sensor to detect a size of a print paper set on;

an image forming section forming an image on the print  
paper fed from the paper supply sections;

a paper discharge section stocking the print paper formed  
of the image and discharged;

10 an auto fence located on the paper discharge section,  
and displacing the position of a width direction of the print  
paper stocked on the paper discharge section according to  
the paper size of the print paper fed from the paper supply  
sections;

15 a storage section storing the image forming processing  
as the printing job in the image for one page unit; and

a control section determining a sequence of each printing  
job stored in the storage section so that printing processing  
is executed in order from a printing job with the smallest  
20 paper size in the width direction of the print paper.

2. The apparatus of claim 1, wherein the auto fence has  
an end fence in which the edge of the print paper interferes,  
and the end fence displaces the position of a paper transfer  
25 direction of the print paper according to the paper size of

the print paper automatically.

3. The apparatus of claim 1, further comprising:

an original scanning section reading an original image  
5 of two or more paper sizes; and

an input section inputting the image formation  
processing information including at least information about  
the image formation sheet number.

10 4. The apparatus of claim 2, further comprising:

an original scanning section reading an original image  
of two or more paper sizes; and

an input section inputting the image formation  
processing information including at least information about  
15 the image formation sheet number.

5. The apparatus of claim 1, further comprising a controller  
connecting with an information processing apparatus directly  
or via a network, and receiving the original image and the  
20 image forming processing information including at least the  
information about the number of the sheets of the picture  
formation from the information processing apparatus.

6. The apparatus of claim 2, further comprising a controller  
25 connecting with an information processing apparatus directly

or via a network, and receiving the original image and the image forming processing information including at least the information about the number of the sheets of the picture formation from the information processing apparatus.

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7. The apparatus of claim 3, further comprising a controller connecting with an information processing apparatus directly or via a network, and receiving the original image and the image forming processing information including at least the information about the number of the sheets of the picture formation from the information processing apparatus.

8. A system for forming an image comprising  
an information processing apparatus for inputting an original image and image forming processing information including at least information about the image formation sheet number, and

an apparatus for forming an image including:  
a controller receiving the original image and the image forming processing information from the information processing apparatus;

a plurality of paper supply sections having a paper size sensor to detect a size of a print paper set on;

an image forming section forming an image on the print paper fed from the paper supply sections, based on the

original image;

a paper discharge section to stock the print paper  
formed of the image and discharged;

an auto fence located on the paper discharge  
5 section, to displace the position of a width direction of  
the print paper stocked on the paper discharge section  
according to the paper size of the print paper fed from the  
paper supply sections;

a storage section to store the image forming  
10 processing as the printing job in the image for one page unit;  
and

a control section determining a sequence of each  
printing job stored in the storage section so that printing  
processing is executed in order from a printing job with the  
15 smallest paper size in the width direction of the print paper.

9. The system of claim 8, wherein the auto fence has an  
end fence in which the edge of the print paper interferes,  
and the end fence displaces the position of a paper transfer  
20 direction of the print paper according to the paper size of  
the print paper automatically.

10. The system of claim 8, wherein the apparatus further  
including:

25 an original scanning section reading an original image

of two or more paper sizes; and

an input section inputting the image formation processing information including at least information about the image formation sheet number.

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11. The system of claim 9, wherein the apparatus further including:

an original scanning section reading an original image of two or more paper sizes; and

10 an input section inputting the image formation processing information including at least information about the image formation sheet number.

12. The system of claim 8, wherein the apparatus further  
15 including a controller connecting with an information processing apparatus directly or via a network, and receiving the original image and the image forming processing information including at least the information about the number of the sheets of the picture formation from the  
20 information processing apparatus.

13. The system of claim 9, wherein the apparatus further including a controller connecting with an information processing apparatus directly or via a network, and receiving  
25 the original image and the image forming processing

information including at least the information about the number of the sheets of the picture formation from the information processing apparatus.

5 14. The system of claim 9, wherein the apparatus further including a controller connecting with an information processing apparatus directly or via a network, and receiving the original image and the image forming processing information including at least the information about the  
10 number of the sheets of the picture formation from the information processing apparatus.

15 15. A method for controlling an image forming apparatus, the method comprising:

detecting a size of a print paper set on a plurality of paper supply sections;

storing image forming processing as the printing job in the image for one page unit in a storage section;

determining a sequence of each printing job stored in  
20 the storage section so that printing processing is executed in order from a printing job with the smallest paper size in a width direction of the print paper; and

displacing of the position of the width direction of the print paper stocked on the paper discharge section  
25 according to the paper size of the printing job, feeding the

print paper from the paper supply sections, forming an image  
on the print paper fed from the paper supply sections in an  
image forming section, and discharging and stocking the print  
paper formed of the image on a paper discharge section, are  
5 executed according to the sequence.

16. The method of claim 15, wherein before the storing the  
printing job, the method further comprises:

reading an original image for forming the image of two  
10 or more paper sizes in an original reading section; and  
inputting the image formation processing information  
including at least information about the image formation sheet  
number from an input section.

15 17. The method of claim 15, wherein before the storing the  
printing job, the method further comprises

connecting with an information processing apparatus  
directly or via a network, and receiving the original image  
and the image forming processing information including at  
20 least the information about the number of the sheets of the  
picture formation from the information processing apparatus.